

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An object identifier reader, comprising:
a communication port for communicating with a host computing device;
a storage medium;
a processor;
a memory in electronic communication with the processor; and
instructions stored in the memory, the instructions being executable for:
reading an object identifier to obtain data;
automatically determining whether to send the data to the host computing device
or to store the data in the storage medium; and
automatically attempting to send stored data in the storage medium to the host
computing device in response to determining that the object identifier
reader is connected to the host computing device.
2. (Original) The object identifier reader of claim 1, wherein the data are stored in the
storage medium and at least one attempt is made to send the data to the host computing device.
3. (Original) The object identifier reader of claim 1, wherein at least one attempt is made to
send the data to the host computing device if the storage medium is empty, and wherein the data
are stored in the storage medium if the at least one attempt fails or if the storage medium is not
empty.

4. (Original) The object identifier reader of claim 1, wherein at least one attempt is made to send the data to the host computing device, and wherein the data are stored in the storage medium if the at least one attempt fails.
5. (Previously Presented) The object identifier reader of claim 4, wherein reading the object identifier is performed by a main task, and wherein automatically determining whether to send the data to the host computing device or to store the data in the storage medium and automatically sending the stored data in the storage medium to the host computing device are performed by a data task that executes in parallel to the main task.
6. (Previously Presented) The object identifier reader of claim 4, wherein the data comprise an image, wherein reading the object identifier is performed by a main task, wherein automatically determining whether to send the data to the host computing device or to store the data in the storage medium and automatically sending the stored data in the storage medium to the host computing device are performed by a data task, and wherein the main task and the data task execute sequentially.
7. (Previously Presented) The object identifier reader of claim 1, wherein the instructions are also executable for clearing the stored data from the storage medium when the stored data are sent to the computing device.
8. (Previously Presented) The object identifier reader of claim 1, wherein the instructions are also executable for attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device.
9. (Original) The object identifier reader of claim 1, wherein the storage medium comprises non-volatile storage.

10. (Original) The object identifier reader of claim 9, wherein the storage medium further comprises volatile storage.
11. (Original) The object identifier reader of claim 1, further comprising an additional storage medium for storing a copy of the data as a log.
12. (Original) The object identifier reader of claim 1, further comprising saving metadata in the storage medium to differentiate buffered data from log data.
13. (Previously Presented) The object identifier reader of claim 1, wherein the instructions are also executable for disconnecting from the host computing device if the object identifier reader is connected to the computing device and the object identifier reader does not have any data to send to the host computing device.
14. (Original) The object identifier reader of claim 1, further comprising entering a power-saving mode if the storage medium is empty or if the object identifier reader cannot connect to the host computing device after a period of time.

15. (Previously Presented) An object identifier reader, comprising:
- a communication port for communicating with a host computing device;
 - a storage medium;
 - a processor;
 - a memory in electronic communication with the processor; and
 - instructions stored in the memory, the instructions being executable for:
 - reading an object identifier to obtain data;
 - storing the data in the storage medium;
 - automatically determining whether the object identifier reader is connected to the host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device; and
 - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

16. (Previously Presented) An object identifier reader, comprising:
- a communication port for communicating with a host computing device;
 - a storage medium;
 - a processor;
 - a memory in electronic communication with the processor; and
 - instructions stored in the memory, the instructions being executable for:
 - reading an object identifier to obtain data;
 - automatically determining whether the object identifier reader is connected to the host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device;
 - automatically determining whether the storage medium is empty, and if the storage medium is empty, automatically making at least one attempt to send the data to the host computing device;
 - automatically storing the data in the storage medium if the at least one attempt fails or if the storage medium is not empty; and
 - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

17. (Previously Presented) An object identifier reader, comprising:
- a communication port for communicating with a host computing device;
 - a storage medium;
 - a processor;
 - a memory in electronic communication with the processor; and
 - instructions stored in the memory, the instructions being executable for:
 - reading an object identifier to obtain data;
 - automatically determining whether the object identifier reader is connected to the host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device;
 - automatically making at least one attempt to send the data to the host computing device;
 - automatically storing the data in the storage medium if the at least one attempt fails; and
 - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

18. (Previously Presented) In an object identifier reader, a method comprising:
reading an object identifier to obtain data;
automatically determining whether to send the data to a host computing device or to store
the data in a storage medium of the object identifier reader; and
automatically attempting to send stored data in the storage medium to the host computing
device in response to determining that the object identifier reader is connected to
the host computing device.
19. (Original) The method of claim 18, wherein the data are stored in the storage medium
and at least one attempt is made to send the data to the host computing device.
20. (Original) The method of claim 18, wherein at least one attempt is made to send the data
to the host computing device if the storage medium is empty, and wherein the data are stored in
the storage medium if the at least one attempt fails or if the storage medium is not empty.
21. (Original) The method of claim 18, wherein at least one attempt is made to send the data
to the host computing device, and wherein the data are stored in the storage medium if the at least
one attempt fails.
22. (Original) The method of claim 21, wherein reading the object identifier is performed by
a main task, and wherein the other steps of the method are performed by a data task that executes
in parallel to the main task.
23. (Original) The method of claim 21, wherein the data comprise an image, wherein reading
the object identifier is performed by a main task, wherein the other steps of the method are
performed by a data task, and wherein the main task and the data task execute sequentially.

24. (Original) The method of claim 18, further comprising clearing the stored data from the storage medium when the stored data are sent to the computing device.

25. (Original) The method of claim 18, further comprising attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device.

26. (Original) The method of claim 18, further comprising storing a copy of the data as a log in an additional storage medium.

27. (Original) The method of claim 18, further comprising saving metadata in the storage medium to differentiate buffered data from log data.

28. (Original) The method of claim 18, wherein the method further comprises disconnecting from the host computing device if the object identifier reader is connected to the computing device and the object identifier reader does not have any data to send to the host computing device.

29. (Original) The method of claim 18, further comprising entering a power-saving mode if the storage medium is empty or if the object identifier reader cannot connect to the host computing device after a period of time.

30. (Previously Presented) In an object identifier reader, a method comprising:
- reading an object identifier to obtain data;
 - storing the data in a storage medium of the object identifier reader;
 - automatically determining whether the object identifier reader is connected to a host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device; and
 - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

31. (Previously Presented) In an object identifier reader, a method comprising:
- reading an object identifier to obtain data;
 - automatically determining whether the object identifier reader is connected to a host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device;
 - automatically determining whether a storage medium of the object identifier reader is empty, and if the storage medium is empty, automatically making at least one attempt to send the data to the host computing device;
 - automatically storing the data in the storage medium if the at least one attempt fails or if the storage medium is not empty; and
 - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

32. (Previously Presented) In an object identifier reader, a method comprising:
- reading an object identifier to obtain data;
 - automatically determining whether the object identifier reader is connected to a host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device;
 - automatically making at least one attempt to send the data to the host computing device;
 - automatically storing the data in a storage medium of the object identifier reader if the at least one attempt fails; and
 - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.